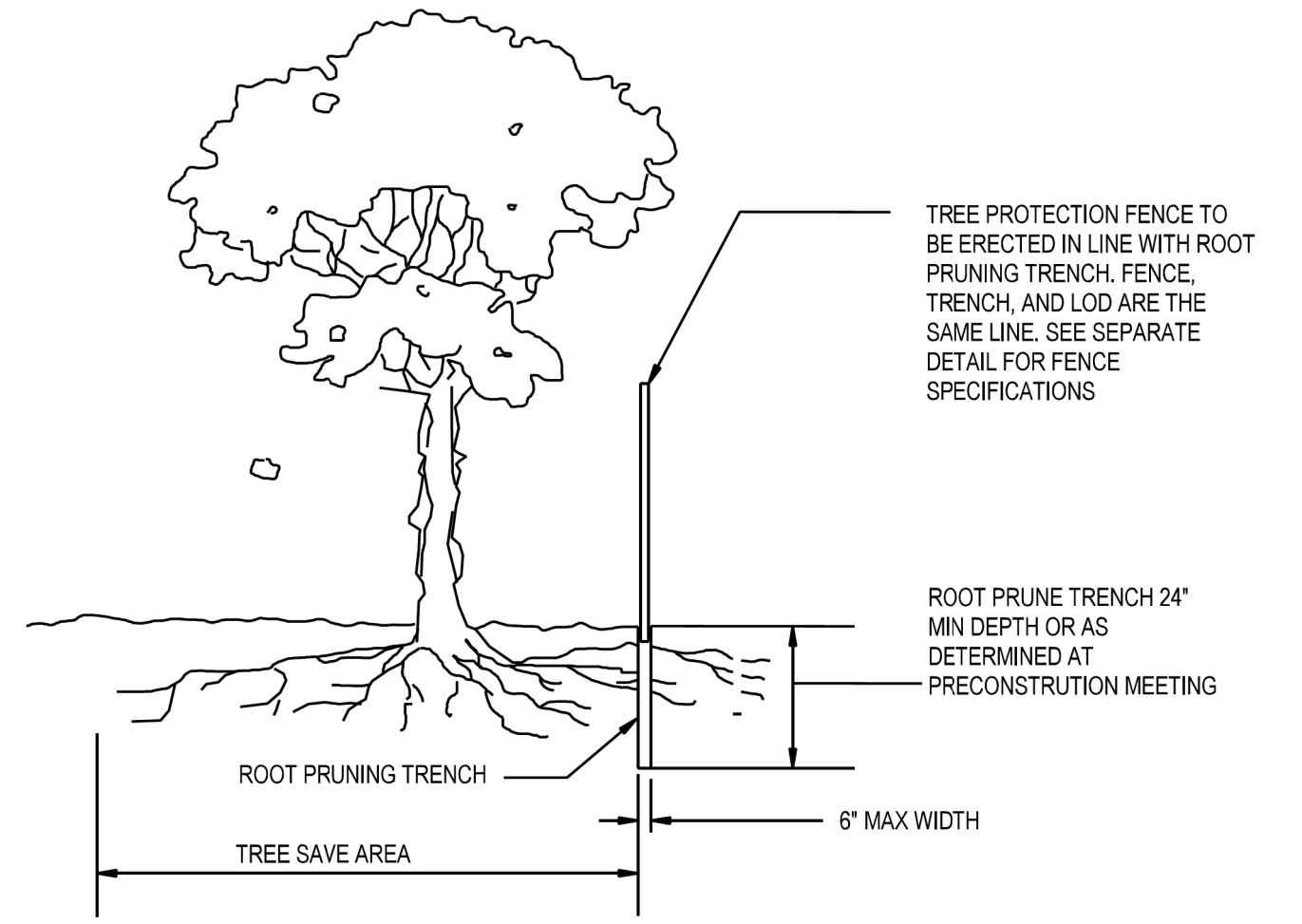


DOMER AVENUE TREE INVENTORY TABLE

Tree ID	Common Name	Scientific Name	DBH	Condition	Comments	Remove (Yes/No)	Final Recommendations
T-1	Red maple	<i>Acer rubrum</i>	20	Good-Fair	Minor exposed, girdling roots. Dead branches	No	Root pruning and air spading. Aeration matting, flexible porous paving
T-2	Red maple	<i>Acer rubrum</i>	5	Good	Minor exposed roots. Growing into fence	Yes	Recommend for removal.
T-3	Tulip poplar	<i>Liriodendron tulipifera</i>	49	Fair	Improperly pruned branches. Next to power lines. Exposed roots	No	Use root aeration matting for any uncovered roots. Flexible porous paving
T-4	Tulip poplar	<i>Liriodendron tulipifera</i>	23	Fair-Poor	Sparse canopy. Branch dieback. Damaged bark	Yes	Recommend for removal. Leave as stump to reduce impact to surrounding trees.
T-5	Tulip poplar	<i>Liriodendron tulipifera</i>	24	Fair	Vines on trunk. Pruned in canopy. Branch dieback	No	Root prune along LOD.
T-6	Tulip poplar	<i>Liriodendron tulipifera</i>	14	Fair	Heavy vines into canopy. Interfering canopy	No	None
T-7	Eastern hemlock	<i>Tsuga canadensis</i>	4	Good		No	Root prune along LOD.
T-8	Tulip poplar	<i>Liriodendron tulipifera</i>	15	Fair	Growing on slope. Vines on trunk. Slight lean. Exposed roots. Photo 8067.	No	None - Avoid disturbance to existing wall.
T-9	Tulip poplar	<i>Liriodendron tulipifera</i>	20	Fair	Heavy vines into canopy. Thin crown.	Yes	Recommend for removal.
T-10	Mockernut hickory	<i>Carya tomentosa</i>	11	Good	Growing on slope. Minor exposed roots.	No	None - Avoid disturbance to existing wall.
T-11	Eastern hemlock	<i>Tsuga canadensis</i>	8	Fair-Poor	Odd growth structure. Vines. Multistem 8x6x6x5x4	No	Root prune along LOD.
T-12	Tulip poplar	<i>Liriodendron tulipifera</i>	29	Fair	Growing on slope. Vines. Branch dieback	No	None - Avoid disturbance to existing wall.
T-13	Tulip poplar	<i>Liriodendron tulipifera</i>	16	Fair	Lean. Heavy vines. Branch dieback	No	None - Avoid disturbance to existing wall.
T-14	Tulip poplar	<i>Liriodendron tulipifera</i>	17	Fair	Heavy vines. Sparse canopy	No	Root prune along LOD.
T-15	Bitternut hickory	<i>Carya cordiformis</i>	19	Good	Twin 19x13. Split below DBH. Exposed roots. Photos 8073-8076.	Yes	Recommend for removal. Discuss with arborist.
T-16	Northern red oak	<i>Quercus rubra</i>	38	Good-Fair	Lean. Exposed roots. Minor dead branches. Photos 8077-8078.	No	Root prune along LOD.
T-17	Mockernut hickory	<i>Carya tomentosa</i>	8	Good	Minor exposed roots. Growing on slope	Yes	Recommend for removal. Leave as stump to reduce impact to surrounding trees.
T-18	Mockernut hickory	<i>Carya tomentosa</i>	9	Good	Growing on slope. Minor exposed roots	No	Air spade, root prune, and aeration matting/flexible porous paving.
T-19	White oak	<i>Quercus alba</i>	30	Fair	Dead vines on trunk. Healed over trunk wound. Sparse crown.	No	Air spade, root prune, and root aeration matting
T-20	American beech	<i>Fagus grandifolia</i>	7	Good-Fair	Dead branches. Buttressed roots.	No	Root prune along LOD.
T-21	Tulip poplar	<i>Liriodendron tulipifera</i>	30	Good	Minor dead branches. Growing on slope.	No	Root prune along LOD.
T-22	American beech	<i>Fagus grandifolia</i>	5	Good		No	None
T-23	Mockernut hickory	<i>Carya tomentosa</i>	7	Good		No	None
T-24	Northern red oak	<i>Quercus rubra</i>	15	Good	Photo 8082.	No	Root prune, air spade, then flexiible porous paving
T-25	Sassafras	<i>Sassafras albidum</i>	2	Good-Fair	Lean, one-sided canopy.	No	Root prune along LOD.
T-26	Northern red oak	<i>Quercus rubra</i>	39	Good-Fair	Moderate lean on hillslope. Dead branches. Exposed roots. Photos 8083-8084.	No	Air spade, root prune and aeration matting/flexible porous paving

NOTES:

1. THE ROOT ZONE OF INTEREST FOR THE PURPOSES OF SIDEWALK WORK ADJACENT TO EXISTING ROADWAYS SHALL BE A DISTANCE FROM A TREE'S TRUNK EQUALING 0.5 FEET FOR EACH 1 INCH OF TREE TRUNK DBH. I.E., FOR A 20" DBH TREE, THE SPECIFICATIONS WOULD EXTEND 10 FEET FROM THE TREE'S TRUNK.
2. LOWER TREE IMPACT SIDEWALK SPECIFICATION: FOR THE AREA OF SIDEWALK INSTALLATION WITHIN THE ROOT ZONE OF INTEREST OF A TREE, A SPECIFICATION INVOLVING LESS THAN 3" OF EXCAVATION SHALL BE USED, TYPICALLY USING FLEXIBLE POROUS PAVING BUT ALTERNATIVE OPTIONS MAY BE CONSIDERED. ADDITIONALLY, ONLY HAND TOOLS WILL BE USED AND ANY ROOTS OVER 2" DIAMETER ENCOUNTERED WILL BE PRESERVED AND THE URBAN FOREST MANAGER WILL BE CONSULTED FOR APPROVAL BEFORE CUTTING.
3. AFTER EXCAVATION COMMENCES, THE URBAN FOREST MANAGER MAY APPROVE A DIFFERENT SIDEWALK INSTALLATION SPECIFICATION DEPENDING ON THE NUMBER, SIZE, AND LOCATION OF ROOTS THAT ARE ENCOUNTERED DURING EXCAVATION.
4. ANY ROOTS OUTSIDE THE ROOT ZONE OF INTEREST ENCOUNTERED DURING EXCAVATION SHALL BE CUT CLEANLY WITH A SHARP SAW. MECHANIZED EXCAVATION SHALL STOP WHEN A ROOT IS ENCOUNTERED TO ALLOW FOR THE ROOT TO BE CUT CLEANLY BEFORE PROCEEDING.
5. FOR AREAS ADJACENT TO TREES WHERE SIDEWALK IS BEING REPLACED IN THE SAME FOOTPRINT AND TO THE SAME DEPTH, THE APPROPRIATE SPECIFICATION WILL BE CONSIDERED ON A CASE BY CASE BASIS DEPENDING ON VISUAL EVIDENCE OF ROOT HEAVE AND THE NUMBER, SIZE, AND LOCATION OF ROOTS ENCOUNTERED DURING EXCAVATION.
6. EQUIPMENT OUTRIGGER PLACEMENT, EQUIPMENT TRAFFIC, AND HEAVY MATERIALS STORAGE OVER SOIL AREAS SHALL ONLY OCCUR OVER POLYETHYLENE CONSTRUCTION MATS OR 3/4" PLYWOOD.



NOTES:

1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRECONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRECONSTRUCTION MEETING AND FLAGGED PRIOR TO TRENCHING.
3. EXACT LOCATION OF TRENCH SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FOREST CONSERVATION (FC) INSPECTOR.
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FC INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.
6. ALL PRUNING MUST BE EXECUTED WITH LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FC INSPECTOR.

ROOT PRUNING DETAIL

NTS

CITY OF TAKOMA PARK
DOMER AVENUE SIDEWALK IMPROVEMENTS
FROM FLOWER AVENUE TO
SLIGO CREEK PARKWAY

CONCEPT PLAN

SCALE	1"=20'	DATE	_SEPTEMBER 2022_	CONTRACT NO.	_T.B.D._
DESIGNED BY	_TMB_	COUNTY	_MONTGOMERY_		
DRAWN BY	_TMB_	LOGMILE			
CHECKED BY	_R.J.G._				
F.A.P. NO.	_T.B.D._				
DRAWING NO.		SHEET NO.	2	OF	2



P: 410.728.2900 F: 410.728.2834
 700 East Pratt Street, Suite 500 | Baltimore, MD 21202

Engineers | Construction Managers | Planners | Scientists
 www.rkk.com

Responsive People | Creative Solutions

BY: tboecher -